Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 25 Dec 2021 until 23:59 on Sunday 26 Dec 2021

Forecast Issued on Saturday 25 Dec 2021 at 04:07

Confidence: Medium for the Christmas day detail with poor conditions currently expected to hold mainly to the south of the Park until evening. Confidence high for an unsettled Boxing day, but lower for the detail of worst conditions, and also for the pattern from Monday.

Headline for Saturday 25 Dec 2021: Mainly dry, bright morning, cloud increasing to bring some light snow later. Feeling very cold in gales, perhaps severe across some summits and ridges.

Mountain weather hazards on Saturday 25 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Light snow
Precipitation probability					
30%	<05%	<05%	10%	20%	30%

Forecast for Saturday 25 Dec 2021

Weather: Mainly overcast and mostly staying dry through daylight hours of Christmas Day across the Park. The best of any brightness most likely across more eastern parts during the afternoon. Cloud increasing and thickening in evening to bring a showery area of snow, and perhaps freezing rain at the end of the day.

Chance of cloud free mountain/hill tops above 600m: 70% for much of the day becoming 30% during the evening.

Visibility: Good becoming moderate to poor in rain and sleet, and very poor in snow and in cloud with bases by day largely well broken near most summits, lowering more generally to 600m in evening.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Saturday 25 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/35 E	24/36 E	27/37 E	24/36 E	25/37 E	25/37 E	24/35 E
300	18/37 E	13/30 E	14/31 E	15/32 E	17/36 E	17/36 E	16/35 E
Valley	17/38 E	17/37 E	18/37 E	16/35 E	21/43 E	21/43 E	18/39 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	-2/-10	-2/-10	-2/-10	-2/-11	-2/-11	-2/-10
300	2/-4	1/-4	1/-4	1/-5	0/-6	0/-6	0/-6
Valley	3/-2	2/-3	3/-3	2/-3	2/-5	2/-5	2/-4
Freezing Level*	400m	100m	200m	100m	00m	00m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds gusting to around 60 mph across highest and most exposed ridges and summits, combined with low temperatures to bring a severe wind chill effect.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 25 Dec 2021	3mm	7.8mm	8.8mm

Forecast for Sunday 26 Dec 2021

Weather: An overcast day with occasional snow through the morning, which only slowly and erratically turns to rain below around 600m. Precipitation becoming more showery in nature from afternoon, with the bulk of these across western ranges.

Maximum wind: East or southeast initially mean 25-30 mph with gusts 40mph, gradually easing through the day.

Chance of cloud free mountain/hill tops above 600m: 20% becoming 80% for any given time during the afternoon and evening.

Visibility: Becoming moderate to very poor in rain and snow, frequently at first then infrequently in later showers. Also becoming only a few metres in hill fog with bases quite extensive from 450-600m during morning, sporadically so in later showers.

Temperature: **Valleys:** Minus 1 degrees Celsius increasing to plus 5 degrees Celsius during the afternoon
At 600m: Minus 2 degrees Celsius increasing to plus 1 degrees Celsius later
Freezing level: 100m lifting to around 600m later

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